SEQUENCE LISTING

<110> Jeffrey W. Streb
Joseph M. Miano

<120> RECOMBINASE MEDIATED TRANSCRIPTION

<130> 21108.0025U2

<140> 10/533,976
<141> 2003-11-07

<150> PCT/US03/035645
<151> 2003-11-07

<150> 60/425,111
<151> 2002-11-07

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 1
ataacttcgt ataatgtatg ctatacgaag ttat 34

<210> 2
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 2
cttaccgtaa cttgaaagt 19

<210> 3
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 3
ttttttcgtt tttt 14

<210> 4

<211> 352
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 4
gagggcctat ttcccatgat tccttcatat ttgcatatac gatacaaggc tgttagagag 60
ataattggaa ttaatttgac tgtaaacaca aagatattag tacaaaatac gtgacgtaga 120
aagtaataat ttcttgggta gtttgcagtt ttaaaattat gttttaaaat ggactatcat 180
atgcttaccg taacttgaaa gtatttcgat ttcttggctt tatatataac ttcgtataat 240
gtatgctata cgaagttatc cgtttttttcg ttttttctcc agcccgggaa gatctataac 300
ttcgtataat gtatgctata cgaagttatc cggcccattc ctcctcggat cc 352

<210> 5
<211> 369
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 5
gagggcctat ttcccatgat tccttcatat ttgcatatac gatacaaggc tgttagagag 60
ataattggaa ttaatttgac tgtaaacaca aagatattag tacaaaatac gtgacgtaga 120
aagtaataat ttcttgggta gtttgcagtt ttaaaattat gttttaaaat ggactatcat 180
atgcttaccg taacttgaaa gtatttcata acttcgtata tatatatcta tacgaagtta 240
tgaaacaccg ttttttcgtt ttttctccag cccgggaaga tctataactt cgtatatata 300
tatctatacg aagttatgaa acaccggccc attcctcctc ggatccaagg gtgggcgcgc 360
cgacccagc 369

<210> 6
<211> 365
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 6
gagggcctat ttcccatgat tccttcatat ttgcatatac gatacaaggc tgttagagag 60
ataattggaa ttaatttgac tgtaaacaca aagatattag tacaaaatac gtgacgtaga 120
aagtaataat ttcttgggta gtttgcagtt ttaaaattat gttttaaaat ggactatcat 180
atgcttaccg taacttgaaa gtatttcgat tataacttcg tatatagtat gctatacgaa 240
gttatcaccg ttttttcgtt ttttctccag cccgggaaga tctataactt cgtatatagt 300
atgctatacg aagttatcac cggcccattc ctcctcggat ccaagggtgg gcgcgccgac 360
ccagc 365

<210> 7
<211> 370
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 7
gagggcctat ttcccatgat tccttcatat ttgcatatac gatacaaggc tgttagagag 60
ataattggaa ttaatttgac tgtaaacaca aagatattag tacaaaatac gtgacgtaga 120
aagtaataat ttcttgggta gtttgcagtt ttaaaattat gttttaaaat ggactatcat 180
atgcttaccg taacttgaaa gtatttataa cttcgtatag tatatattat acgaagttat 240
ggaaacaccg ttttttcgtt ttttctccag cccgggaaga tctataactt cgtatagtat 300
atattatacg aagttatgga aacaccggcc cattcctcct cggatccaag ggtgggcgcg 360
ccgacccagc 370

<210> 8
<211> 369
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic

construct

<400> 8
gagggcctat ttcccatgat tccttcatat ttgcatatac gatacaaggc tgttagagag 60
ataattggaa ttaatttgac tgtaaacaca aagatattag tacaaaatac gtgacgtaga 120
aagtaataat ttcttgggta gtttgcagtt ttaaaattat gttttaaaat ggactatcat 180
atgcttaccg taacttgaaa gtatttctac cgttcgtata tatatatcta tacgaagtta 240
tgaaacaccg ttttttcgtt ttttctccag cccgggaaga tctataactt cgtatatata 300
tatctatacg aacggtagaa acaccggccc attcctcctc ggatccaagg gtgggcgcgc 360
cgacccagc 369

<210> 9
<211> 464
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic
construct

<400> 9
aaggtcgggc aggaagaggg cctatttccc atgattcctt catatttgca tatacgatac 60
aaggctgtta gagagataat tagaattaat ttgactgtaa acacaaagat attagtacaa 120
aatacgtgac gtagaaagta ataatttctt gggtagtttg cagtttttaa aattatgttt 180
taaaatggac tatcatatgc ttaccgtaac ttgaaagtat ttcgatttct tggctttata 240
tatcttgtgg aaaggacgaa acaccgtgct cgcttcggca gcacatatac taaaattgga 300
acgatacaga gaagattagc atggcccctg cgcaaggatg acacgcaaat tcgtgaagcg 360
ttccatattt ttacatcagg ttgtttttct gtttttacat caggttgttt ttctgtttgg 420
ttttttttt acaccacgtt tatacgccgg tgcacggttt acca 464

<210> 10
<211> 707
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic
construct

<400> 10
gatccgacgc cgccatctct aggcccgcgc cggccccctc gcacagactt gtgggagaag 60
ctcggctact cccctgcccc ggttaatttg catataatat ttcctagtaa ctatagaggc 120
ttaatgtgcg ataaaagaca gataatctgt tctttttaat actagctaca ttttacatga 180
taggcttgga tttctataag agatacaaat actaaattat tattttaaaa aacagcacaa 240

aaggaaactc accctaactg taaagtaatt gtgtgttttg agactataaa tatcccttgg 300
agaaaagcct tgtttgtgct cgcttcggca gcacatatac taaaattgga acgatacaga 360
gaagattagc atggcccctg cgcaaggatg acacgcaaat tcgtgaagcg ttccatattt 420
tgttcctcag aggaactgac aagcacccta acatcctatt ggaggctcac tcacgttttt 480
tctattttgt ttcttgacag cagagctcgt tgctcactgt atagctcagg ttggcctgac 540
actgatgagg ttctccagtg actgcctcta cctacctact gggatgacag aggtgtacca 600
ccaagccacg ggctcctgtg tgagtgtgtg tgtgtgtgta taagtgtgcc ttccacagtg 660
cacgtaagag gacaaggagt tggttcttgc tctcagatca tcaagct 707

<210> 11
<211> 523
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 11
tttaaactta gaacgaagcg agtataaaaa ggattattta accctaaaac ggattcagga 60
tttgttataa tatcaagtac agtcggctac ataaggtcac cacatgtgta aagttacaaa 120
attctatggc cttatatacc taccaagagc ctgagtactc tcggatgtga gggcgatctg 180
gctgcgacat ctgtcacccc attgatcgcc agggttgatt cggctgatct ggctggctag 240
gcgggtgtcc ccttcctccc tcaccgctcc atgtgcgtcc ctcccgaagc tgcgcgctcg 300
gtcgaagagg acgaccttcc ccgaatagag gaggaccggt cttcggtcaa gggtatacga 360
gtagctgcgc tcctctgcta gaacctccaa acaagctctc aaggtccatt gtaggagaac 420
gtagggtagt caagcttcca agactccaga cacatccaaa tgaggcgctg catgtggcag 480
tctgctttct tttgtagttc ctgcaattta attttcgttt aaa 523

<210> 12
<211> 497
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 12
atttgcatgt cgctatgtgt tctgggaaat caccataaac gtgaaatgtc tttggatttg 60
ggaatcttat aagttctgta tgagaccact ctttcccata gggcggaggg aagctcatca 120
gtggggccac gagctgagtg cgtcctgtca ctccactccc atgtcccttg ggaaggtctg 180
agactagggc cagaggcggc cctaacaggg ctctccctga gcttcaggga ggtgagttcc 240
cagagaacgg ggctccgcgc gaggtcagac tgggcaggag atgccgtgga ccccgccctt 300
cggggagggg cccggcggat gcctcctttg ccggagcttg gaacagactc acggccagcg 360
aagtgagttc aatggctgag gtgaggtacc ccgcagggga cctcataacc caattcagac 420
cactctcctc cgcccatttt tggaaaaaaa aaaaaaaaaa aaaaacaaaa cgaaaccggg 480
ccgggcgcgg tggttca 497

<210> 13
<211> 266
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 13
aaggtcgggc aggaagaggg cctatttccc atgattcctt catatttgca tatacgatac 60

aaggctgtta gagagataat tagaattaat ttgactgtaa acacaaagat attagtacaa 120
aatacgtgac gtagaaagta ataatttctt gggtagtttg cagtttttaa aattatgttt 180
taaaatggac tatcatatgc ttaccgtaac ttgaaagtat ttcgatttct tggctttata 240
tatcttgtgg aaaggacgaa acaccg 266

<210> 14
<211> 374
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence; note=synthetic construct

<400> 14
ttatagggag ctgaagggaa gggggtcaca gtaggtggca tcgttccttt ctgactgccc 60
gccccccgca tgccgtcccg cgatattgag ctccgaacct ctcgccctgc cgccgccggt 120
gctccgtcgc cgccgcgccg ccatggaatt cgaacgctga cgtcatcaac ccgctccaag 180
gaatcgcggg cccagtgtca ctaggcggga acacccagcg cgcgtgcgcc ctggcaggaa 240
gatggctgtg agggacaggg gagtggcgcc ctgcaatatt tgcatgtcgc tatgtgttct 300
gggaaatcac cataaacgtg aaatgtcttt ggatttggga atcttataag ttctgtatga 360
gaccactctt tccc 374